**BRUHAT BANGALORE MAHANAGARA PALIKE**

# MEASUREMENT SHEET

## PRE-MEASUREMENT

Name of work: Improvements to Roads and Drains and Providing Covering Slabs at M.S Palya Gramthana, Ganesh Layout, M.S Palya Extension and Surrounding areas in Ward No. 11 (Kuvempunagara) in Vidyaranyapura Sub Division.

Estimated Cost : Rs. 30.00 Lakhs

Job Code: 011-20-000121

Head of Account : P-3726 Zonal Public Works

Name of Agency: Sri Abbu Sambashiva Reddy, No. 1B3, Sree Arcade Layout, 4th Block, Doddabommasandra, Vidyaranyapura Post,

Work order No: EE/BTP/BBMP/E-PMT/01(41735)/51/2020-21
D: 20-07-2020.

Measurements Recarded on : 10-08-2020

| Sl No | Description of item | Unit | No | L | B | D | Qty |
|---|---|---|---|---|---|---|---|
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. | | | | | | |
| | **Drain Desliting** | Cum | | | | | |
| | MS Palya 2nd Cross Tippu Sulthan Road S/S | | 1 | 21.90 | 0.45 | 0.45 | 4.43 |
| | N/S | | 1 | 11.60 | 0.45 | 0.45 | 2.35 |
| | Cross Road E/S | | 1 | 24.00 | 0.45 | 0.45 | 4.86 |
| | Cross Road W/S | | 1 | 30.50 | 0.45 | 0.45 | 6.18 |
| | Koya Factory Backside Road S/S | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 25.00 | 0.45 | 0.45 | 5.06 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 15.00 | 0.45 | 0.45 | 3.04 |
| | Koya Factory opp Road N/S | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 4.00 | 0.45 | 0.45 | 0.81 |
| | 7th Main Road AR Nagar MS Palya | | 1 | 29.00 | 0.45 | 0.45 | 5.87 |
| | | | 1 | 29.50 | 0.45 | 0.45 | 5.97 |
| | | | 1 | 17.00 | 0.45 | 0.45 | 3.44 |
| | | | 1 | 25.00 | 0.45 | 0.45 | 5.06 |
| | | | 1 | 25.00 | 0.45 | 0.45 | 5.06 |
| | | | 1 | 24.00 | 0.45 | 0.45 | 4.86 |
| | Raghavendra Colony 7th Cross E/S | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 19.80 | 0.45 | 0.45 | 4.01 |
| | Raghavendra Colony 7th Cross W/S | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 30.00 | 0.45 | 0.45 | 6.08 |
| | | | 1 | 19.50 | 0.45 | 0.45 | 3.95 |
| | | | | | | | |
| | **Berm cutting** | | | | | | |
| | MS Palya 2nd Cross Tippu Sulthan Road S/S | | 1 | 21.90 | 1.20 | 0.20 | 5.26 |

| Sl No | Description of item | Unit | No | L | B | D | Qty |
|---|---|---|---|---|---|---|---|
| | N/S | | 1 | 11.60 | 1.00 | 0.20 | 2.32 |
| | Cross Road E/S | | 1 | 24.00 | 1.00 | 0.20 | 4.80 |
| | Cross Road W/S | | 1 | 30.50 | 0.95 | 0.25 | 7.24 |
| | Koya Factory Backside Road S/S | | 1 | 30.00 | 0.60 | 0.25 | 4.50 |
| | | | 1 | 25.00 | 0.90 | 0.30 | 6.75 |
| | | | 1 | 30.00 | 0.85 | 0.20 | 5.10 |
| | | | 1 | 30.00 | 0.60 | 0.25 | 4.50 |
| | | | 1 | 15.00 | 0.75 | 0.20 | 2.25 |
| | Koya Factory opp Road N/S | | 1 | 30.00 | 0.60 | 0.20 | 3.60 |
| | | | 1 | 30.00 | 0.50 | 0.25 | 3.75 |
| | | | 1 | 30.00 | 0.90 | 0.25 | 6.75 |
| | | | 1 | 4.00 | 0.60 | 0.20 | 0.48 |
| | 7th Main Road AR Nagar MS Palya | | 1 | 29.00 | 0.75 | 0.25 | 5.44 |
| | | | 1 | 29.50 | 0.50 | 0.20 | 2.95 |
| | | | 1 | 17.00 | 0.60 | 0.25 | 2.55 |
| | | | 1 | 25.00 | 0.90 | 0.20 | 4.50 |
| | | | 1 | 25.00 | 0.75 | 0.20 | 3.75 |
| | | | 1 | 24.00 | 0.90 | 0.25 | 5.40 |
| | Raghavendra Colony 7th Cross E/S | | 1 | 30.00 | 0.95 | 0.20 | 5.70 |
| | | | 1 | 30.00 | 0.80 | 0.25 | 6.00 |
| | | | 1 | 19.80 | 0.75 | 0.20 | 2.97 |
| | Raghavendra Colony 7th Cross W/S | | 1 | 30.00 | 0.60 | 0.25 | 4.50 |
| | | | 1 | 30.00 | 0.75 | 0.30 | 6.75 |
| | | | 1 | 19.50 | 0.80 | 0.25 | 3.90 |
| | Culvert | | | | | | |
| | 2nd Cross Tippu Sulthan Road MS Playa | | 1 | 4.30 | 2.00 | 1.20 | 10.32 |
| | | | | | Total Qty = | | 247.74 |
| | | | | | Qty Limited to = | | 246.75 |

Contractor

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

| Sl No | Description of item | Unit | No | L | B | D | Qty |
|---|---|---|---|---|---|---|---|
| | Measurements Continued on : | 14-08-2020 | | | | | |
| 2 | Removing and refixing stone slabs of drains and pointing in CM (1:3) | | | | | | |
| | | Sqm | | | | | |
| | MS Palya 2nd Cross Tippu Sulthan Road S/S | | 1 | 21.90 | | 1.35 | 29.57 |
| | N/S | | 1 | 11.60 | | 1.35 | 15.66 |
| | Cross Road E/S | | 1 | 24.00 | | 1.35 | 32.40 |
| | Cross Road W/S | | 1 | 30.50 | | 1.35 | 41.18 |
| | Koya Factory Backside Road S/S | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 25.00 | | 1.35 | 33.75 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 15.00 | | 1.35 | 20.25 |
| | Koya Factory opp Road N/S | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 4.00 | | 1.35 | 5.40 |
| | 7th Main Road AR Nagar MS Palya | | 1 | 29.00 | | 1.35 | 39.15 |
| | | | 1 | 29.50 | | 1.35 | 39.83 |
| | | | 1 | 17.00 | | 1.35 | 22.95 |
| | | | 1 | 25.00 | | 1.35 | 33.75 |
| | | | 1 | 25.00 | | 1.35 | 33.75 |
| | | | 1 | 24.00 | | 1.35 | 32.40 |
| | Raghavendra Colony 7th Cross E/S | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 19.80 | | 1.35 | 26.73 |
| | Raghavendra Colony 7th Cross W/S | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 30.00 | | 1.35 | 40.50 |
| | | | 1 | 19.50 | | 1.35 | 26.33 |
| | | | | | Total Qty = | | 838.08 |
| | | | | | Qty Limited to = | | 837.00 |

Contractor

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division.
BBMP, Bangalore-97

| Sl No | Description of item | Unit | No | L | B | D | Qty |
|---|---|---|---|---|---|---|---|
| | Measurements Continued on : | | 18.08.2020 | | | | |
| 5 | Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications | | | | | | |
| | Culvert | | | | | | |
| | 2nd Cross Tippu Sulthan Road MS Playa | Cum | 1 | 4.30 | 2.00 | 0.15 | 1.29 |
| | | | | | Total Qty = | | 1.29 |
| | | | | | Qty Limited to = | | 1.20 |

Contractor

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97